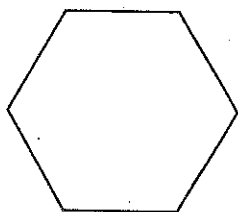


Problem Solving **REAL WORLD**

12. **HOY!** Sense or Nonsense?

Divide the hexagon into six equal parts.



Which pattern block represents $\frac{1}{6}$ of the whole area?

Divide the trapezoid into three equal parts.



Which pattern block represents $\frac{1}{3}$ of the whole area?

Alexis said the area of $\frac{1}{3}$ of the trapezoid is greater than the area of $\frac{1}{6}$ of the hexagon because $\frac{1}{3} > \frac{1}{6}$. Does her statement make sense? **Explain** your answer.

- Write a statement that makes sense.

- What if you divide the hexagon into 3 equal parts? Write a sentence that compares the area of each equal part of the hexagon to each equal part of the trapezoid.

